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United States
Department of
Agriculture

Animal and
Plant Health
Inspection
Service

**Veterinary
Services**

Hyattsville, Md.

Veterinary Biological Products

Licensees and
Permittees

January 1983

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INTRODUCTION

This publication contains lists of licensed establishments, Licensees, and Permittees with their Subsidiaries and Divisions as well as a list of the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment by license number.

A numerical listing of licensed establishments by licensee number identifies each Licensee, Permittee, Subsidiary, and Division authorized to do business in the establishment.

Under the listing of licensed biological products, the principal part of the true names are underlined. Various forms of the product are indicated by modifying phrases, and each form is assigned a code number by Veterinary Services. A separate license is issued and a code number assigned for each Outline of Production filed. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The numbering system used for product codes provides for a number to be assigned to each product; i.e., first digit denotes product type; second and third - grouping by agents; fourth - state of product; fifth - substrate; and sixth - miscellaneous variables.

U.S. Department of Agriculture
Animal and Plant Health Inspection Service
Veterinary Services
6505 Belcrest Road
Hyattsville, Maryland 20782

Issued January 1983

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ALPHABETICAL LISTING
 LICENSEES - PERMITTEES - SUBSIDIARIES - DIVISIONS

| | <u>LICENSE NUMBER</u> |
|------------------------------------|-----------------------|
| A M BIO TECHNIQUES INC | 292 |
| AFFILIATED LABORATORIES | 225 |
| AGRI-BIO CORPORATION | 269 |
| AGRI-MART DIVISION | 272 |
| AMBICO, INC. | 281 |
| AMERICAN HOME PRODUCTS CORPORATION | 112 112A 112B |
| AMERICAN SCIENTIFIC LABORATORIES | 165 165A 165B |
| AMERICANA LABORATORIES, INC. | 188 |
| ANCHOR LABORATORIES, INC. | 124 |
| ANIMAL HEALTH DIVISION | 107 |
| BARRY LABORATORIES, INC. | 283 |
| BAYVET DIVISION | 52 52A |
| BEECHAM LABORATORIES | 225 |
| BEECHAM, INC. | 225 |
| BIO-CEUTIC LABORATORIES, INC. | 124 |
| BIOLOGICS CORPORATION | 272 |
| BIOLOGICS PRODUCTION, INC. | 240 |
| BIDMED RESEARCH LABORATORIES, INC. | 285 |
| BURNS BIOTEC LABORATORIES INC | 165B |
| BURNS-BIOTEC LABORATORIES, INC. | 165 165A |
| BURROUGHS WELLCOME CO. | 107 |
| CENTER LABORATORIES | 259 |
| CEVA LABORATORIES, INC. | 243 243A |
| COLORADO SERUM COMPANY | 188 |
| CONNAUGHT ANIMAL HEALTH | 287 |
| CONNAUGHT LABORATORIES (PERMITTEE) | 296 |
| CONNAUGHT LABORATORIES, INC. | 287 |
| CONTINENTAL ANIMAL HEALTH | 165 165A 165B |
| CONTINENTAL PHARMACAL COMPANY | 188 |
| COOPER DIVISION | 107 |
| CUSTOM BIOLOGICS, INC. | 272 |
| CUTTER LABORATORIES INC | 52A |
| CUTTER LABORATORIES, INC. | 52 |
| DAMON CORPORATION | 196 |

ALPHABETICAL LISTING
 LICENSEES - PERMITTEES - SUBSIDIARIES - DIVISIONS
LICENSE NUMBER

| | | |
|---------------------------------------|------|-----------|
| DEKALB AG RESEARCH, INC. | 271 | |
| DELLEN LABORATORIES, INC. | 272 | |
| DENVER COLORADO LABORATORIES, INC. | 188 | |
| DEXTER CORPORATION, THE | 245 | |
| DIAMOND LABORATORIES, INC. | 213 | |
| DOVE DIVISION | 270 | |
| DOUGLAS INDUSTRIES INC | 165H | |
| DURVET LABORATORIES | 272 | |
| DYNASCIENCE CORPORATION | 278 | |
| EM INDUSTRIES, INCORPORATED | 259 | |
| EMPIRE VETERINARY COMPANY | 188 | |
| FORT DODGE LABORATORIES, INC. | 112 | 112A 112B |
| FRANKLIN LABORATORIES, INC. | 112 | 112A 112B |
| FROMM LABORATORIES, INC. | 195 | 195A |
| GIRCO DIVISION | 245 | |
| GUARDIAN LABORATORIES | 227 | |
| HOLLISTER-STIER | 52A | |
| INTER-CONTINENTAL BIOLOGICS INC. | 286 | |
| INTERNATIONAL, INC. | 188 | |
| INVENEX VETERINARY LABORATORIES | 245 | |
| JACKSON BIOLOGICS, INC. | 288 | |
| JENSEN-SALSBERY LABORATORIES | 107 | |
| JOHNSON & JOHNSON | 264 | |
| KEEVET LABORATORIES | 280 | |
| LONG ISLAND DUCK RESEARCH COOP., INC. | 268 | |
| M.A. BIOPRODUCTS | 278 | |
| MAINE BIOLOGICAL LABORATORIES, INC. | 240 | |
| MALLACKRODT INC. | 295 | |
| MERCK & COMPANY, INC. | 3 | |
| MERCK CHEMICAL DIVISION | 3 | |
| MERCK SHARP & DOHME DIVISION | 3 | |
| METROPOLITAN MEDICAL COMPANY | 188 | |
| MILES LABORATORIES, INC. | 270 | |
| MYZON LABORATORIES, INC. | 213 | |

ALPHABETICAL LISTING
 LICENSEES - PERMITTEES - SUBSIDIARIES - DIVISIONS

| | <u>LICENSE NUMBER</u> |
|---------------------------------------|-----------------------|
| NORDEN LABORATORIES | 189 |
| PET VACCINES | 272 |
| PHILIPS ROXANE, INC. | 124 |
| PITMAN-MOORE, INC. | 264 |
| PROFESSIONAL BIOLOGICAL COMPANY | 188 |
| RAGLAND RESEARCH, INC | 289 |
| ROLYNN LABORATORIES INC | 165B |
| SALSBURY LABORATORIES | 195A |
| SALSBURY LABORATORIES, INC. | 195 |
| SCHERING CORPORATION | 165 165A 165B |
| SCHERING VETERINARY | 165 165A 165B |
| SCIENTIFIC LABORATORIES, INC. | 188 |
| SELECT LABORATORIES, INC. | 279 |
| SMITHKLINE ANIMAL HEALTH PRODUCTS | 189 |
| SMITHKLINE BECKMAN CORPORATION | 189 |
| SOUTHWESTERN LABORATORIES, INC. | 213 |
| STERLING DRUG, INC. | 226 226A |
| STERKIN LABORATORIES, INC. | 226 226A |
| SYNTEX (U.S.A.), INC. | 213 |
| SYNTEX AGRIBUSINESS, INC. | 213 |
| TAVOLEK, INC. | 264 |
| TECHAMERICA | 272 |
| TEXAS VET LAB INC | 290 |
| TRANS WORLD LABORATORIES, INC. | 213 |
| TRI-BIO LABORATORIES, INC. | 275 |
| UNITED ANIMAL SCIENCE, GIBCO DIVISION | 245 |
| UNIVERSAL LABORATORIES, INC. | 188 |
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| VACCINE SPECIALTIES | 227 |
| VACCINES, INC. | 227 |
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| WELLCOME ANIMAL HEALTH DIVISION | 107 |
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ALPHABETICAL LISTING
 LICENSEES - PERMITTEES - SUBSIDIARIES - DIVISIONS
LICENSE NUMBER

| | |
|---------------------------------|---------------|
| WYETH INTERNATIONAL LIMITED | 112 112A 112B |
| WYETH VETERINARY PRODUCTS, INC. | 112 112A 112B |

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

| | |
|--|------|
| MERCK & COMPANY, INC. DIVISIONS: MERCK CHEMICAL DIVISION MERCK SHARP & DOHME DIVISION MAIL: MERCK SHARP & DOHME DIVISION OF MERCK & CO., INC. WEST POINT, PA 19486 | 3 |
| CUTTER LABORATORIES, INC. DIVISIONS: BAYVET DIVISION MAIL: BAYVET CUTTER LABORATORIES, INC. P. O. BOX 390 SHAWNEE MISSION, KS 66201 | 52 |
| CUTTER LABORATORIES INC DIVISIONS: BAYVET DIVISION HOLLISTER-STIER MAIL: HOLLISTER-STIER DIV OF CUTTER LABORATORIES INC P O BOX 3145 TA SPOKANE, WA 99220 | 52A |
| BURROUGHS WELLCOME CO. DIVISIONS: JENSEN-SALSHERY LABORATORIES WELLCOME VACCINES DIVISION ANIMAL HEALTH DIVISION WELLCOME ANIMAL HEALTH DIVISION COOPER DIVISION MAIL: WELLCOME ANIMAL HEALTH DIVISION BURROUGHS WELLCOME CO. 520 WEST 21ST STREET KANSAS CITY, MO 64108 | 107 |
| AMERICAN HOME PRODUCTS CORPORATION SUBSIDIARIES: AYETH VETERINARY PRODUCTS, INC. AYETH INTERNATIONAL LIMITED FRANKLIN LABORATORIES, INC. FORT DODGE LABORATORIES, INC. MAIL: FORT DODGE LABORATORIES, INC. FORT DODGE, IA 50501 | 112 |
| AMERICAN HOME PRODUCTS CORPORATION SUBSIDIARIES: FORT DODGE LABORATORIES, INC. FRANKLIN LABORATORIES, INC. AYETH INTERNATIONAL LIMITED AYETH VETERINARY PRODUCTS, INC. MAIL: FRANKLIN LABORATORIES, INC. P.O. BOX 669 AMARILLO, TX 79105 | 112A |

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

AMERICAN HOME PRODUCTS CORPORATION 112B
SUBSIDIARIES:
FORT DODGE LABORATORIES, INC.
FRANKLIN LABORATORIES, INC.
WYETH INTERNATIONAL LIMITED
WYETH VETERINARY PRODUCTS, INC.
MAIL: WYETH LABORATORIES, INC.
WASP & RIDDLE STREETS
MARIETTA, PA 17547

PHILIPS ROXANE, INC. 124
DIVISIONS:
BIO-CENTIC LABORATORIES, INC.
ANCHOR LABORATORIES, INC.
MAIL: PHILIPS ROXANE, INC.
2621 NORTH BELT HIGHWAY
ST. JOSEPH, MO 64502

SCHERING CORPORATION 165
SUBSIDIARIES:
BURNS-BIOTEC LABORATORIES, INC.
DIVISIONS:
AMERICAN SCIENTIFIC LABORATORIES
SCHERING VETERINARY
CONTINENTAL ANIMAL HEALTH
MAIL: AMERICAN SCIENTIFIC LABORATORIES
DIV. OF SCHERING CORPORATION
P.O. BOX 7130
MADISON, WI 53707 U.S.A.

SCHERING CORPORATION 165A
SUBSIDIARIES:
BURNS-BIOTEC LABORATORIES, INC.
DIVISIONS:
SCHERING VETERINARY
AMERICAN SCIENTIFIC LABORATORIES
CONTINENTAL ANIMAL HEALTH
MAIL: BURNS-BIOTEC LABORATORIES, INC.
P.O. BOX 3113
OMAHA, NE 68103 U.S.A.

SCHERING CORPORATION 165B
SUBSIDIARIES:
DOUGLAS INDUSTRIES INC
ROLYNG LABORATORIES INC
BURNS-BIOTEC LABORATORIES INC
DIVISIONS:
AMERICAN SCIENTIFIC LABORATORIES
CONTINENTAL ANIMAL HEALTH
SCHERING VETERINARY
MAIL: SCHERING VETERINARY
8906 ROSEHILL ROAD
LENEXA, KS 66215

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

| | |
|------------------------------------|-----------------------------|
| COLORADO SERUM COMPANY | 188 |
| SUBSIDIARIES: | |
| AMERICAN LABORATORIES, INC. | |
| CONTINENTAL PHARMACAL COMPANY | |
| DENVER COLORADO LABORATORIES, INC. | |
| EMPIRE VETERINARY COMPANY | |
| INTERNATIONAL, INC. | |
| METROPOLITAN MEDICAL COMPANY | |
| PROFESSIONAL BIOLOGICAL COMPANY | |
| SCIENTIFIC LABORATORIES, INC. | |
| UNIVERSAL LABORATORIES, INC. | |
| MAIL: | COLORADO SERUM COMPANY |
| | 4950 YORK STREET |
| | DENVER, CO 80216 |
| SMITHKLINE BECKMAN CORPORATION | 189 |
| SUBSIDIARIES: | |
| NORDEN LABORATORIES | |
| DIVISIONS: | |
| SMITHKLINE ANIMAL HEALTH PRODUCTS | |
| MAIL: | NORDEN LABORATORIES |
| | P.O. BOX 80809 |
| | LINCOLN, NE 68501 |
| SALSBURY LABORATORIES, INC. | 195 |
| SUBSIDIARIES: | |
| FROMM LABORATORIES, INC. | |
| MAIL: | SALSBURY LABORATORIES |
| | 2000 ROCKFORD ROAD |
| | CHARLES CITY, IA 50616 |
| SALSBURY LABORATORIES | 195A |
| SUBSIDIARIES: | |
| FROMM LABORATORIES, INC. | |
| MAIL: | FROMM LABORATORIES, INC. |
| | 703 LAKE SHORE ROAD |
| | GRAFTON, WI 53024 |
| DAYON CORPORATION | 196 |
| DIVISIONS: | |
| VINELAND LABORATORIES, INC. | |
| MAIL: | VINELAND LABORATORIES, INC. |
| | 2285 EAST LANDIS AVENUE |
| | VINELAND, NJ 08360 |
| SYNTEX (U.S.A.), INC. | 213 |
| SUBSIDIARIES: | |
| SYNTEX AGRIBUSINESS, INC. | |
| DIAMOND LABORATORIES, INC. | |
| MYZON LABORATORIES, INC. | |
| SOUTHWESTERN LABORATORIES, INC. | |
| TRANS WORLD LABORATORIES, INC. | |
| MAIL: | SYNTEX (U.S.A.), INC. |
| | P.O. BOX 863 |
| | DE S MOINES, IA 50304 |

NUMERICAL LISTING
OF
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LICENSE NUMBER

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| BEECHAM, INC. SUBSIDIARIES: AFFILIATED LABORATORIES DIVISIONS: MAIL: BEECHAM LABORATORIES BEECHAM LABORATORIES P.O. BOX 221 WHITE HALL, IL 62092 | 225 |
| STERLING DRUG, INC. SUBSIDIARIES: MAIL: STERWIN LABORATORIES, INC. STERWIN LABORATORIES, INC. P.O. BOX 537 MILLSBORO, DE 19966 | 226 |
| STERLING DRUG, INC. SUBSIDIARIES: MAIL: STERWIN LABORATORIES, INC. STERWIN LABORATORIES, INC. P.O. BOX 999 OPELIKA, AL 36801 | 226A |
| VACCINES, INC. DIVISIONS: MAIL: GUARDIAN LABORATORIES VACCINE SPECIALTIES VACCINES, INC. P.O. BOX 727 TEMPLE, TX 76501 | 227 |
| MAINE BIOLOGICAL LABORATORIES, INC. SUBSIDIARIES: MAIL: BIOLOGICS PRODUCTION, INC. MAINE BIOLOGICAL LABORATORIES P.O. BOX 255 WATERVILLE, ME 04901 | 240 |
| CEVA LABORATORIES, INC. MAIL: CEVA LABORATORIES, INC. P.O. BOX 6 BERLIN, MD 21811 | 243 |
| CEVA LABORATORIES, INC. MAIL: CEVA LABORATORIES 12300 SANTA FE DRIVE LENEXA, KS 66215 | 243A |
| DEXTER CORPORATION, THE DIVISIONS: MAIL: INVENEX VETERINARY LABORATORIES UNITED ANIMAL SCIENCE, GIBCO DIVISION GIBCO DIVISION INVENEX VETERINARY LABORATORIES P.O. BOX 37 MIDDLETON, WI 53562 | 245 |

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

| | |
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| EM INDUSTRIES, INCORPORATED DIVISIONS: MAIL: CENTER LABORATORIES CENTER LABORATORIES 35 CHANNEL DRIVE PORT WASHINGTON, NY 11050 | 259 |
| JOHNSON & JOHNSON SUBSIDIARIES: PITMAN-MOORE, INC. TAVOLEK, INC. MAIL: PITMAN-MOORE, INC. P.O. BOX 344 WASHINGTON CROSSING, NJ 08560 | 264 |
| LONG ISLAND DUCK RESEARCH COOP., INC. MAIL: LONG ISLAND DUCK RESEARCH COOP. OLD COUNTRY ROAD P.O. BOX 217 EASTPORT, NY 11941 | 268 |
| AGRI-BIO CORPORATION MAIL: AGRI-BIO CORPORATION P.O. BOX 897 GAINESVILLE, GA 30503 | 269 |
| MILES LABORATORIES, INC. DIVISIONS: DOMS DIVISION MAIL: MILES LABORATORIES, INC. 400 MORGAN LANE WEST HAVEN, CT 06516 | 270 |
| DEKALB AG RESEARCH, INC. MAIL: DEKALB AG RESEARCH, INC. SYCAMORE ROAD DEKALB, IL 60115 | 271 |
| BIOLOGICS CORPORATION DIVISIONS: AGRI-MART DIVISION CUSTOM BIOLOGICS, INC. DELLEN LABORATORIES, INC. DIJUVET LABORATORIES PEI VACCINES TECHAMERICA MAIL: DELLEN LABORATORIES, INC. DIVISION OF BIOLOGICS CORP. 2720 NORTH 84TH STREET OMAHA, NE 68134 | 272 |
| TRI-BIO LABORATORIES, INC. MAIL: TRI-BIO LABORATORIES, INC. 1400 FOX HILL ROAD STATE COLLEGE, PA 16801 | 275 |
| WILDLIFE VACCINES, INC. MAIL: WILDLIFE VACCINES, INC. 11475 W. 48TH AVENUE WHEAT RIDGE, CO 80033 | 277 |

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

| | |
|--|-----|
| DYNASCIENCE CORPORATION DIVISIONS: M.A. BIOPRODUCTS MAIL: M.A. BIOPRODUCTS BUILDING 100, BIGGS FORD ROAD WALKERSVILLE, MD 21793 | 278 |
| SELECT LABORATORIES, INC. MAIL: SELECT LABORATORIES, INC. GAINESVILLE, GA 30501 | 279 |
| KEEVET LABORATORIES MAIL: KEEVET LABORATORIES P.O. BOX 1706 ANNISTON, AL 36202 | 280 |
| AMBICO, INC. MAIL: AMBICO, INC. ROUTE 2, P.O. BOX M DALLAS CENTER, TX 50063 | 281 |
| BARRY LABORATORIES, INC. MAIL: BARRY LABORATORIES, INC. 461 NORTHEAST 27TH STREET POMPANO BEACH, FL 33064 | 283 |
| BIONED RESEARCH LABORATORIES, INC. MAIL: BIONED RESEARCH LABORATORIES, INC. 1115 EAST PIKE STREET SEATTLE, WA 98122 | 285 |
| INTER-CONTINENTAL BIOLOGICS INC. MAIL: INTER-CONTINENTAL BIOLOGICS INC. P.O. BOX 318 MILLSBORO, DE 19966 | 286 |
| CONNAUGHT LABORATORIES, INC. DIVISIONS: CONNAUGHT ANIMAL HEALTH MAIL: CONNAUGHT LABORATORIES, INC. SWIFTWATER, PA 18370 | 287 |
| JACKSON BIOLOGICS, INC. MAIL: JACKSON BIOLOGICS, INC. 1101 WEST 56 HIGHWAY OLATHE, KS 66061 | 288 |
| RAGLAND RESEARCH, INC. MAIL: RAGLAND RESEARCH, INC. 119 ROSE ROAD ATHENS, GA 30601 | 289 |
| TEXAS VET LAB INC MAIL: 1202 NORTH BELL STREET SAN ANGELO, TX 76903 | 290 |

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

| | |
|--|-----|
| UNIVERSITY LABORATORIES, INC. MAIL: UNIVERSITY LABORATORIES, INC. 810 NORTH SECOND AVENUE HIGHLAND PARK, NJ 08904 | 291 |
| A M BIO TECHNIQUES INC MAIL: 212 EAST CENTRAL BELTON, TX 76513 | 292 |
| MALLINCKRODT INC. MAIL: MALLINCKRODT INC P O BOX 5840 675 MCDONNELL BLVD. ST LOUIS, MO 63134 | 295 |
| CONNAUGHT LABORATORIES (PERMITTEE) MAIL: SWIFTWATER, PA 18270 | 296 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

*** VACCINES AND VIRUSES

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS | | | |
|---------|--|---------------------------|------------|-------------|------------|
| 1005.50 | <u>ANAPLASMOSIS VACCINE</u> KILLED, BOVINE ORIGIN | 112 | | | |
| 1011.00 | <u>ANTHRAX SPORE VACCINE</u> NONE/ENCAPSULATED, LIVE CULTURE | 52 | 107 | 188 | |
| 1051.10 | <u>AVIAN ENCEPHALOMYELITIS VACCINE</u> LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 195 | 196 | | |
| 1051.11 | <u>AVIAN ENCEPHALOMYELITIS VACCINE</u> LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 195 269 | 196 286 | 226 | 243 |
| 1055.10 | <u>AVIAN ENCEPHALOMYELITIS VACCINE</u> KILLED VIRUS, CHICKEN EMBRYO ORIGIN | 240 | | | |
| 1041.10 | <u>AVIAN ENCEPHALOMYELITIS-EQAL POX VACCINE</u> LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 243 | 195 | 196 | 226 |
| 1057.10 | <u>AVIAN INFLUENZA VACCINE</u> KILLED VIRUS, CHICKEN EMBRYO ORIGIN | 240 | | | |
| 1061.00 | <u>BLUETONGUE VACCINE</u> MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 188 | | | |
| 1081.00 | <u>BORDETELLA BRONCHISEPTICA VACCINE</u> AVIRULENT LIVE CULTURE | 165A | | | |
| 1081.01 | <u>BORDETELLA BRONCHISEPTICA VACCINE</u> AVIRULENT LIVE CULTURE | 124 | | | |
| 1101.00 | <u>BOVINE RHINORHACHELLIS VACCINE</u> MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 3 213 | 107 225 | 112 243A | 188 264 |
| 1101.01 | <u>BOVINE RHINORHACHELLIS VACCINE</u> MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 52 | 107 | 225 | |
| 1101.20 | <u>BOVINE RHINORHACHELLIS VACCINE</u> MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 124 | 189 | 272 | |

VACCINES AND VIRUSES

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS | | | |
|------|------------------|---------------------------|--|--|--|
|------|------------------|---------------------------|--|--|--|

BOVINE RHINOTRACHEITIS-PARAINFLUENZA-3 VACCINE

| | | | | | |
|---------|---|------------|-------------|------------|-----|
| 1121.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 107 225 | 112 243A | 188 264 | 213 |
| 1121.01 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 264 | | | |
| 1121.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 112 | 124 | 189 | 272 |
| 1121.21 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 | | | |
| 1121.31 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 52 | | | |
| 1125.00 | KILLED VIRUS, TISSUE CULTURE ORIGIN | 112 | | | |
| 1125.20 | KILLED VIRUS, CELL LINE ORIGIN | 112 | | | |

BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE

| | | | | | |
|---------|---|------|-----|------|-----|
| 1151.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 188 | 213 | 243A | 264 |
| 1151.01 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 243A | | | |
| 1151.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 | 272 | | |
| 1151.30 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 124 | 189 | | |

BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA-3 VACCINE

| | | | | | |
|---------|---|-----|-----|------|-----|
| 1171.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 188 | 213 | 243A | 264 |
| 1171.01 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 264 | | | |
| 1171.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 | 272 | | |
| 1171.30 | MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN | 124 | 189 | | |
| 1175.20 | KILLED VIRUS, CELL LINE ORIGIN | 112 | | | |

BOVINE ROTAVIRUS VACCINE

| | | |
|---------|---------------------------------------|-----|
| 1931.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 |
|---------|---------------------------------------|-----|

BOVINE VIRUS DIARRHEA VACCINE

VACCINES AND VIRUSES

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> | | | |
|---------------------------------|---|----------------------------------|------------|-----|-----|
| 1201.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 124 243A | 188 264 | 189 | 213 |
| 1201.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 | 272 | | |
| 1205.20 | KILLED VIRUS, CELL LINE ORIGIN | 112 | | | |
| <u>BRONCHITIS VACCINE</u> | | | | | |
| 1231.11 | MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 240 | 195 286 | 196 | 226 |
| 1231.12 | MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 195 243 | 196 286 | 226 | 240 |
| 1231.14 | MASS & CONN TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 243 | 279 | 286 | |
| 1231.15 | CONN TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 286 | | | |
| 1231.17 | MASS & CONN TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 | | | |
| 1231.18 | MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 196 | 286 | | |
| 1231.19 | JMK TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 286 | | | |
| 1231.20 | ARKANSAS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 226 | 286 | | |
| <u>BRUCELLE ABORTUS VACCINE</u> | | | | | |
| 1251.00 | STRAIN 19, LIVE CULTURE | 52 | 107 | 188 | |
| 1251.01 | STRAIN 19, LIVE CULTURE | 188 | | | |
| <u>BURSAL DISEASE VACCINE</u> | | | | | |
| 1271.00 | LIVE VIRUS, TISSUE CULTURE ORIGIN | 165 | 196 | 269 | |
| 1271.01 | LIVE VIRUS, TISSUE CULTURE ORIGIN | 269 | | | |
| 1271.10 | LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 195 | 226 | 243 | |
| 1271.11 | MODIFIED LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 226 | | | |
| 1271.12 | LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 195 | 286 | | |
| 1271.13 | LIVE VIRUS, TISSUE CULTURE ORIGIN, CELL ASSOCIATED | 279 | | | |
| 1275.00 | KILLED VIRUS, TISSUE CULTURE ORIGIN | 195 | 196 | 269 | |
| 1275.10 | KILLED VIRUS, CHICKEN EMBRYO ORIGIN | 196 | 240 | | |

VACCINES AND VIRUSES

| CODE | PRODUCT AND FORM | LICENSE NOS. | OF PRODUCERS |
|------|------------------|--------------|--------------|
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BURSAL DISEASE-MAREK'S DISEASE VACCINE

| | | | |
|---------|---|-----|--|
| 1288.40 | MODIFIED LIVE VIRUS, LIVE TURKEY HERPESVIRUS, CHICKEN EMBRYO & TISSUE CULTURE ORIGIN, CELL ASSOCIATED, COMBINATION PACKAGE | 226 | |
| 1288.41 | MODIFIED LIVE VIRUS, LIVE TURKEY HERPESVIRUS, CHICKEN EMBRYO & TISSUE CULTURE ORIGIN, CELL FREE, COMBINATION PACKAGE | 226 | |
| 1288.42 | LIVE VIRUS, LIVE TURKEY HERPESVIRUS, TISSUE CULTURE ORIGIN, CELL ASSOCIATED | 279 | |

BURSAL DISEASE-NEWCASTLE DISEASE VACCINE

| | | | |
|---------|---|-----|-----|
| 1265.10 | KILLED VIRUS, CHICKEN EMBRYO ORIGIN | 240 | 286 |
| 1265.40 | KILLED VIRUS, TISSUE CULTURE & CHICKEN EMBRYO ORIGIN | 196 | 269 |

CANINE ADENOVIRUS TYPE 2-PARVOVIRUS
VACCINE

| | | | |
|---------|---|-----|--|
| 1265.20 | KILLED VIRUS, CELL LINE ORIGIN | 272 | |
| 1277.20 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN | 272 | |

CANINE DISTEMPER VACCINE

| | | | |
|---------|--|------|-------------|
| 1301.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 107 | 195A |
| 1301.01 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 107 | |
| 1301.09 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, FERRET VIRULENT | 195A | |
| 1301.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 107 | 124 189 264 |

CANINE DISTEMPER-ADENOVIRUS TYPE 2
VACCINE

| | | | |
|---------|---|------|--|
| 13A1.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 | |
| 13A1.30 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 195A | |

CANINE DISTEMPER-ADENOVIRUS TYPE 2-
HEPATITIS-PARAINFLUENZA VACCINE

VACCINES AND VIRUSES

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS |
|---------|--|---------------------------|
| 1440.20 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN | 272 |
| 1377.20 | CANINE DISTEMPER-ADENOVIRUS TYPE 2- HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN | 272 |
| 1341.20 | CANINE DISTEMPER-ADENOVIRUS TYPE 2- MEASLES-PARAINFLUENZA-VACCINE MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 |
| 1301.20 | CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA-VACCINE MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 107 189 |
| 1301.30 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 195A |
| 1301.20 | CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA-PARVOVIRUS VACCINE MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 |
| 1301.30 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 195A |
| 1301.31 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 195A |
| 1309.00 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 189 |
| 1309.20 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN | 107 |
| 1331.30 | CANINE DISTEMPER-ADENOVIRUS TYPE 2- HEPATITIS-VACCINE MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 195A |
| 1311.00 | CANINE DISTEMPER-HEPATITIS VACCINE MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 107 112 195A 225 243A |
| 1311.01 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 107 |

VACCINES AND VIRUSES

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS | | | |
|---------|---|---------------------------|------------|------------|-----|
| 1311.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 107 245 | 124 264 | 189 272 | 227 |
| 1311.30 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 195A | 225 | | |
| 1311.40 | MODIFIED LIVE VIRUS, CHICKEN EMBRYO & TISSUE CULTURE ORIGIN | 188 | | | |
| 1319.20 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 107 | | | |

CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE

| | | | | | |
|---------|---|------------|------------|-----|-----|
| 1381.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 195A | 243A | | |
| 1381.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 107 264 | 124 272 | 189 | 227 |
| 1381.30 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 195A | 225 | | |
| 1389.20 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 107 | | | |

CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE

| | | | | | |
|---------|---|-----|-----|--|--|
| 1401.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 227 | 264 | | |
| 1401.30 | MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN | 264 | | | |
| 1409.20 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 107 | | | |

CANINE DISTEMPER-MEASLES VACCINE

| | | | | | |
|---------|---------------------------------------|-----|--|--|--|
| 1351.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 | | | |
|---------|---------------------------------------|-----|--|--|--|

CANINE DISTEMPER-MEASLES-PARAINFLUENZA VACCINE

| | | | | | |
|---------|---------------------------------------|-----|--|--|--|
| 1341.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 | | | |
|---------|---------------------------------------|-----|--|--|--|

CANINE DISTEMPER-PARAINFLUENZA VACCINE

| | | | | | |
|---------|---------------------------------------|-----|--|--|--|
| 1391.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 107 | | | |
|---------|---------------------------------------|-----|--|--|--|

CANINE HEPATITIS VACCINE

VACCINES AND VIRUSES

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS |
|--|---|---------------------------|
| 1361.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 195A |
| 1365.20 | KILLED VIRUS, CELL LINE ORIGIN | 107 |
| <u>CANINE PARAINFLUENZA VACCINE</u> | | |
| 1421.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 195A |
| 1421.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 195A 264 272 |
| <u>CANINE PARAINFLUENZA-BORDETELLA PERTUSSIS VACCINE</u> | | |
| 1441.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, AVIRULENT LIVE CULTURE | 165A |
| 1441.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, AVIRULENT LIVE CULTURE | 124 |
| <u>COCCHIDIOSIS VACCINE</u> | | |
| 1431.50 | LIVE OOCYSTS, CHICKEN ORIGIN | 226A |
| <u>DUCK VIRUS ENTERITIS VACCINE</u> | | |
| 1461.10 | MODIFIED LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 268 |
| <u>DUCK VIRUS HEPATITIS VACCINE</u> | | |
| 1481.10 | MODIFIED LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 268 |
| <u>ENCEPHALOMYELITIS VACCINE</u> | | |
| 1475.00 | EASTERN, WESTERN, KILLED VIRUS, TISSUE CULTURE ORIGIN | 52 107 112 188 |
| 1475.01 | EASTERN, WESTERN, KILLED VIRUS, TISSUE CULTURE ORIGIN | 112 |
| 1481.00 | VENEZUELAN, MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 107 |
| 1485.32 | EASTERN, VENEZUELAN, KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 107 |
| 1485.33 | EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 107 |

VACCINES AND VIRUSES

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

EQUINE INFLUENZA VACCINE

| | | | |
|---------|-------------------------------------|-----|-----|
| 1505.10 | KILLED VIRUS, CHICKEN EMBRYO ORIGIN | 112 | 287 |
| 1505.20 | KILLED VIRUS, CELL LINE ORIGIN | 52 | |

EQUINE RHINOPNEUMONITIS VACCINE

| | | | |
|---------|---------------------------------------|-----|--|
| 1521.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 | |
| 1525.20 | KILLED VIRUS, CELL LINE ORIGIN | 112 | |

ERYSIPLOTHRIX RHUSIOPATHIAE VACCINE

| | | | | | |
|---------|------------------------|-----------|-----|-----|------|
| 1541.00 | AVIRULENT LIVE CULTURE | 52 189 | 112 | 124 | 165A |
|---------|------------------------|-----------|-----|-----|------|

FELINE PANLEUKOPENIA VACCINE

| | | | | | |
|---------|---|-------------|-------------|------|------|
| 1561.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 195A | 264 | | |
| 1561.01 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, LIQUID | 225 | 264 | | |
| 1561.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 124 | 189 | 195A | |
| 1561.21 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, LIQUID | 124 | 225 | 264 | 272 |
| 1565.00 | KILLED VIRUS, TISSUE CULTURE ORIGIN | 107 243A | 165A 264 | 195A | 225 |
| 1565.20 | KILLED VIRUS, CELL LINE ORIGIN | 112 272 | 165B | 189 | 195A |

FELINE PANLEUKOPENIA-BOVINE VACCINE

| | | | |
|---------|---|------|--|
| 1575.80 | KILLED VIRUS, CELL LINE & BOVINE ORIGIN | 165B | |
|---------|---|------|--|

FELINE PNEUMONITIS VACCINE

| | | | |
|---------|---|------|--|
| 1581.10 | MODIFIED LIVE CHLAMYDIA, CHICKEN EMBRYO ORIGIN | 195A | |
| 1581.20 | MODIFIED LIVE CHLAMYDIA, CELL LINE ORIGIN | 195A | |

FELINE RHINOTRACHEITIS VACCINE

VACCINES AND VIRUSES

| CODE | PRODUCT AND FORM | LICENCE NOS. OF PRODUCERS | | | |
|--|---|---------------------------|------------|----------|-----|
| 16A1.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 195A 225 | | | |
| 16A1.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 264 | | | |
| <u>FELINE RHINOTRACHEITIS-CALICIS VACCINE</u> | | | | | |
| 16C1.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 195A | | | |
| 16C1.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 124 264 | 189 272 | 195A 225 | |
| 16C1.30 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 225 | | | |
| <u>FELINE RHINOTRACHEITIS-CALICIS- PANLEUKOPENIA VACCINE</u> | | | | | |
| 16D1.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 195A | | | |
| 16D1.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 124 | 189 | 195A | |
| 16D1.30 | MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN | 264 | | | |
| 16D5.20 | KILLED VIRUS, CELL LINE ORIGIN | 112 | | | |
| 16D8.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 124 | 225 | 264 | 272 |
| 16D8.30 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE | 225 | 264 | | |
| 16D9.00 | MODIFIED LIVE & KILLED VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 195A | | | |
| 16D9.20 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN | 195A 272 | | | |
| 16D9.30 | MODIFIED LIVE & KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE | 225 | 264 | | |
| <u>FELINE RHINOTRACHEITIS-CALICIS- PANLEUKOPENIA-PNEUMONITIS VACCINE</u> | | | | | |
| 16E1.20 | MODIFIED LIVE VIRUS & CHLAMYDIA, FELINE CELL LINE ORIGIN | 195A | | | |
| 16E1.40 | MODIFIED LIVE VIRUS & CHLAMYDIA, TISSUE CULTURE & CHICKEN EMBRYO ORIGIN | 195A | | | |
| 16E1.40 | MODIFIED LIVE VIRUS & CHLAMYDIA, CELL LINE & CHICKEN EMBRYO ORIGIN | 195A | | | |
| 16E8.90 | MODIFIED LIVE VIRUS & CHLAMYDIA, TISSUE CULTURE & CELL LINE & CHICKEN EMBRYO ORIGIN, COMBINATION PACKAGE | 225 | | | |

VACCINES AND VIRUSES

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS |
|---------|---|---------------------------|
| 16E9.20 | MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, CELL LINE ORIGIN | 195A |
| 16E9.40 | MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, TISSUE CULTURE & CHICKEN EMBRYO ORIGIN, COMBINATION PACKAGE | 195A |
| 16E9.90 | MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, TISSUE CULTURE & CELL LINE & CHICKEN EMBRYO ORIGIN, COMBINATION PACKAGE | 225 |
| 16E9.A0 | MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, CELL LINE & CHICKEN EMBRYO ORIGIN, COMBINATION PACKAGE | 195A |
| | FELINE RHINOTRACHEITIS-CALICI-PANLEUKOPENIA-PERITONITIS-RABIES VACCINE, MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, CELL LINE ORIGIN | |
| 1610.20 | | 195A |
| | FELINE RHINOTRACHEITIS-CALICI-PANLEUKOPENIA-RABIES VACCINE | |
| 16T9.20 | MODIFIED LIVE & KILLED VIRUS | 195A |
| | FELINE RHINOTRACHEITIS-CALICI-PNEUMONITIS VACCINE | |
| 16F1.40 | MODIFIED LIVE VIRUS & CHLAMYDIA, TISSUE CULTURE & CHICKEN EMBRYO ORIGIN | 195A |
| 16F1.90 | MODIFIED LIVE VIRUS & CHLAMYDIA, TISSUE CULTURE & CELL LINE & CHICKEN EMBRYO ORIGIN | 225 |
| 16F1.A0 | MODIFIED LIVE VIRUS & CHLAMYDIA, CELL LINE & CHICKEN EMBRYO ORIGIN | 195A |
| | FELINE RHINOTRACHEITIS-PANLEUKOPENIA VACCINE | |
| 16H8.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 225 |
| 16H9.00 | MODIFIED LIVE & KILLED VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 225 |
| 16H9.30 | MODIFIED LIVE & KILLED VIRUS, CELL LINE & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 264 |

VACCINES AND VIRUSES

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS | | | |
|---------------------------------------|--|---------------------------|-------------------|-------------------|------------|
| <u>EQAL LARYNGOTRACHEITIS VACCINE</u> | | | | | |
| 1601.01 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 165 | | | |
| 1601.10 | LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 | 196 | | |
| 1601.11 | MODIFIED LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 243 | 195 286 | 196 | 226 |
| 1601.12 | LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 | | | |
| <u>EQAL PUX VACCINE</u> | | | | | |
| 1621.00 | LIVE VIRUS, TISSUE CULTURE ORIGIN | 165 | 196 | 243 | 269 |
| 1621.01 | LIVE VIRUS, TISSUE CULTURE ORIGIN | 269 | | | |
| 1621.10 | LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 243 | 195 286 | 196 | 226 |
| 1621.11 | LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 195 | | | |
| <u>EQAL ENCEPHALITIS VACCINE</u> | | | | | |
| 1635.20 | KILLED VIRUS, CELL LINE ORIGIN | 245 | | | |
| <u>YAREK'S DISEASE VACCINE</u> | | | | | |
| 1641.00 | LIVE TURKEY HERPESVIRUS, TISSUE CULTURE ORIGIN, CELL ASSOCIATED | 3 226 275 | 165 243 279 | 195 269 286 | 196 271 |
| 1641.01 | LIVE TURKEY HERPESVIRUS, TISSUE CULTURE ORIGIN, CELL FREE | 3 226 275 | 165 243 279 | 195 269 | 196 271 |
| 1641.03 | LIVE TURKEY HERPESVIRUS, TISSUE CULTURE ORIGIN, CELL ASSOCIATED | 3 | | | |
| 1641.04 | LIVE TURKEY HERPESVIRUS, TISSUE CULTURE ORIGIN, CELL FREE | 3 | | | |
| <u>MEASLES VACCINE</u> | | | | | |
| 1661.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 124 | | | |
| <u>MINK DISTEMPOR VACCINE</u> | | | | | |
| 1451.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 165 | 165A | 245 | |
| 1451.01 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 165 | 245 | | |

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

MINK ENTERITIS VACCINE

1685.00 KILLED VIRUS, TISSUE CULTURE ORIGIN 245

NEWCASTLE DISEASE VACCINE

| | | | | |
|---------|--|------------|------------|--------------------------|
| 1705.10 | KILLED VIRUS, CHICKEN EMBRYO ORIGIN | 196 | 269 | 286 |
| 1705.11 | KILLED VIRUS, CHICKEN EMBRYO ORIGIN | 195 | 240 | |
| 1711.10 | B1 TYPE, B1 STRAIN, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 240 | 195 243 | 196 279 226 286 |
| 1711.11 | B1 TYPE, B1 STRAIN, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 | | |
| 1721.10 | B1 TYPE, LASOTA STRAIN, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 240 | 195 243 | 196 286 226 |
| 1721.11 | B1 TYPE, LASOTA STRAIN, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 226 | 286 | |
| 1731.10 | ROAKIT TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 240 | | |

NEWCASTLE DISEASE-AVIAN ENCEPHALOMYELITIS VACCINE

1745.10 KILLED VIRUS, CHICKEN EMBRYO ORIGIN 240

NEWCASTLE-BRONCHITIS VACCINE

| | | | | |
|---------|---|------------|------------|-------------------|
| 1761.10 | B1 TYPE, B1 STRAIN, FLORIDA TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 196 | | |
| 1761.11 | B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 240 | 195 243 | 196 279 226 |
| 1761.12 | B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 240 | 195 243 | 196 279 226 |
| 1761.13 | B1 TYPE, B1 STRAIN, CONN TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 279 | 195 | 196 243 |
| 1761.14 | B1 TYPE, B1 STRAIN, MASS & CONN TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 195 | 226 | 243 279 |
| 1761.15 | B1 TYPE, B1 STRAIN, MASS & JMK TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 | 243 | |
| 1761.16 | B1 TYPE, B1 STRAIN, MASS & JMK TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 226 | 279 | |
| 1761.17 | B1 TYPE, B1 STRAIN, MASS & CONN TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 | 196 | 243 |
| 1761.18 | B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 196 | 226 | |

VACCINES AND VIRUSES

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS.</u> | <u>OF PRODUCERS</u> |
|-------------|--|---------------------|---------------------|
| 1761.19 | B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 226 | 243 |
| 1761.18 | B1 TYPE, B1 STRAIN, MASS & FLORIDA TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 196 | |
| 1761.1E | B1 TYPE, B1 STRAIN, CONN & JMK TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 | |
| 1762.11 | B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 279 | |
| 1762.12 | B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN, FROZEN | 243 | |
| 1762.13 | B1 TYPE, B1 STRAIN, CONN TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 | 279 |
| 1762.17 | B1 TYPE, B1 STRAIN, MASS & CONN TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 | 279 |
| 1762.1A | B1 TYPE, B1 STRAIN, MASS & JMK TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 279 | |
| 1762.1E | B1 TYPE, B1 STRAIN, CONN & JMK TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 | |
| 1762.1H | B1 TYPE, B1 STRAIN, MASS & CONN TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 279 | |
| 1771.11 | B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 | 195 196 240 |
| 1771.12 | B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 195 | 243 |
| 1771.14 | B1 TYPE, LASOTA STRAIN, MASS & CONN TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 226 | 243 |
| 1771.17 | B1 TYPE, LASOTA STRAIN, MASS & CONN TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 | 243 |
| 1771.18 | B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 196 | 226 |
| 1771.19 | B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 226 | 243 |

OVINE ECHYMA VACCINE

| | | | |
|---------|-----------------------------------|-----|--|
| 1821.00 | LIVE VIRUS, TISSUE CULTURE ORIGIN | 188 | |
| 1821.50 | LIVE VIRUS, OVINE ORIGIN | 52 | |

PARAINFLUENZA 3 VACCINE

| | | | |
|---------|---|-----|-----|
| 1841.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 107 | 188 |
|---------|---|-----|-----|

PARVOVIRUS VACCINE

VACCINES AND VIRUSES

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS | | | |
|--|---|---------------------------|-------------|-------------|------------|
| 18M1.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 264 | | | |
| 18M1.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 124 227 292 | 189 243A | 195A 264 | 225 272 |
| 18M1.21 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, LIQUID | 189 | 195A | | |
| 18M5.00 | KILLED VIRUS, TISSUE CULTURE ORIGIN | 195 | | | |
| 18M5.20 | KILLED VIRUS, CELL LINE ORIGIN | 107 272 | 189 | 195A | 264 |
| 18M5.21 | KILLED VIRUS, CELL LINE ORIGIN | 189 | | | |
| <u>PASTEURELLA MULLICIDIA VACCINE</u> | | | | | |
| 1871.01 | AVIRULENT LIVE CULTURE, AVIAN ISOLATES | 165 280 | 195A | 196 | 226A |
| 1871.02 | AVIRULENT LIVE CULTURE, AVIAN ISOLATES | 165 | 196 | | |
| 1871.05 | AVIRULENT LIVE CULTURE, AVIAN ISOLATES | 196 | | | |
| 1871.06 | AVIRULENT LIVE CULTURE, BOVINE ISOLATES | 189 | | | |
| <u>PIGEON POX VACCINE</u> | | | | | |
| 1881.10 | LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 165 | 196 | 226 | 243 |
| 1881.11 | LIVE VIRUS, CHICKEN EMBRYO ORIGIN, PIGEONS ONLY | 196 | | | |
| <u>PORCINE ROTAVIRUS- TRACHYSPICACE GASTROENTERITIS VACCINE</u> | | | | | |
| 1970.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 281 | | | |
| <u>PSEUDORABIES VACCINE</u> | | | | | |
| 1891.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 | 264 | | |
| 1895.00 | KILLED VIRUS, TISSUE CULTURE ORIGIN | 195 | | | |
| 1895.20 | KILLED VIRUS, CELL LINE ORIGIN | 52 | 189 | | |
| <u>RABIES VACCINE</u> | | | | | |
| 1901.03 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, HIGH CELL PASSAGE, SAD STRAIN | 107 | 124 | 264 | |
| 1901.05 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, HIGH CELL PASSAGE, SAD STRAIN | 124 | | | |

VACCINES AND VIRUSES

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS | | | | |
|--|---|---------------------------|------------|--------------|-----|--|
| 1901.11 | MODIFIED LIVE VIRUS, CHICKEN EMBRYO ORIGIN, LOW EGG PASSAGE, FLURY STRAIN | 195A | | | | |
| 1901.22 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, HIGH EGG PASSAGE, FLURY STRAIN | 189 | | | | |
| 1901.23 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, HIGH CELL PASSAGE, SAD STRAIN | 107 | | | | |
| 1905.20 | KILLED VIRUS, CELL LINE ORIGIN | 107 227 | 189 264 | 195A 288 | 225 | |
| 1905.21 | KILLED VIRUS, CELL LINE ORIGIN | 107 | 189 | | | |
| 1905.51 | KILLED VIRUS, MURINE ORIGIN | 165B | 227 | 277 | | |
| 1905.55 | KILLED VIRUS, MURINE ORIGIN | 165B | | | | |
| <u>SENDAI VACCINE</u> | | | | | | |
| 1945.10 | KILLED VIRUS, CHICKEN EMBRYO ORIGIN | 278 | | | | |
| <u>SIREPIOCOCCLUS GROUP E VACCINE</u> | | | | | | |
| 1941.00 | AVIRULENT LIVE CULTURE | 112 | | | | |
| <u>LENSYNOVITIS VACCINE</u> | | | | | | |
| 1951.00 | LIVE VIRUS, TISSUE CULTURE ORIGIN | 243 | | | | |
| 1951.01 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 195 | 196 | | | |
| 1951.10 | LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 226 | | | | |
| 1951.11 | MODIFIED LIVE VIRUS, CHICKEN EMBRYO ORIGIN | 195 | | | | |
| <u>TRANSMISSIBLE GASTROENTERITIS VACCINE</u> | | | | | | |
| 1961.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN | 213 | | | | |
| 1961.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 112 | 281 | | | |
| <u>ARI VACCINE</u> | | | | | | |
| 1985.50 | KILLED VIRUS, BOVINE ORIGIN | 52 189 | 112 213 | 112A 243A | 188 | |

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

| | | | | | |
|---------|---|-------------------|-------------|------------|------------|
| 2035.00 | <u>AEROMONAS SALMONICIDA BACTERIN</u> | 277 | | | |
| 2036.00 | <u>AEROMONAS SALMONICIDA ENTERIC REDMOUTH BACTERIN</u> | 277 | | | |
| 2037.00 | <u>AEROMONAS SALMONICIDA VIRIO ANGUILLARUM BACTERIN</u> | 277 | | | |
| 2051.00 | <u>AUTOGENOUS BACTERIN</u> | 112 225 285 | 188 226A | 195 240 | 196 245 |
| 2100.00 | <u>BORDETELLA BRONCHISEPTICA BACTERIN</u> | 165A 264 | 189 272 | 195 | 225 |
| 2100.01 | | 264 | 272 | | |
| 2103.00 | <u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX CHOSIOPATHIAE BACTERIN</u> | 189 | 195 | | |
| 2101.00 | <u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX CHOSIOPATHIAE PASTEURIELLA SOLILOIDA BACTERIN</u> | 195 | 272 | | |
| 2112.00 | <u>BORDETELLA BRONCHISEPTICA- ESCHERICHIA COLI BACTERIN</u> | 264 | | | |

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

~~BORDETELLA BRONCHISEPTICA-LEPTOSPIRA~~
~~CAVIAE-ANTITROPALMONOPHAXIAE-BACTERIN~~

2104.00

189

~~BORDETELLA BRONCHISEPTICA-PASTEURELLA~~
~~SEPTICIDA-BACTERIN~~

2108.00

165A 195 225 272
281

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-BACTERIN~~

2401.00

52 112A 124 188
213 225 272

2401.01

124 188

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-LEPTOSPIRA~~
~~CAVIAE-BACTERIN~~

2408.00

124

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURELLA~~
~~HAEMOLYTICA-MULTICIDA-BACTERIN~~

2460.00

52 112A 124 188
213 225 272

2460.01

188

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURELLA~~
~~MULTICIDA-BACTERIN~~

2461.00

188

~~CLOSTRIDIUM HAEMOLYTICUM-BACTERIN~~

2465.00

52 107 112A 124
188 225

2465.01

107 213

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~CORYNEBACTERIUM PYOGENES-PASTEURURELLA~~
~~HAEMOLYTICA-MULTOCIDA-BACTERIN~~

2633.00

52 112 225

~~CORYNEBACTERIUM PYOGENES-PASTEURURELLA~~
~~MULTOCIDA-SALMONURELLA-CHLERAESDIS~~
~~BACTERIN~~

2635.00

225

~~ENTERIC REDMOUTH BACTERIN~~

2638.00

264 277 285

~~ERYSIPELOTHRIX RHUSIOPATHIAE-BACTERIN~~

2641.00

52 107 112A 124
165A 188 189 195
195A 196 213 225
243A 264 272

2641.01

188

~~ERYSIPELOTHRIX RHUSIOPATHIAE-LEPTOSPIRA~~
~~CAVICOLA-GRYPOTYPHOSA-FARCIO-~~
~~INTERCHAEOPHAGIAE-PORCINA-BACTERIN~~

2642.00

189

~~ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURURELLA~~
~~MULTOCIDA-BACTERIN~~

2645.01

PORCINE ISOLATES

264

2645.03

AVIAN ISOLATES, TYPES 1, 3 & 4

196

~~ESCHERICHIA COLI-BACTERIN~~

2648.00

287

2648.01

213

2648.03

264

2648.04

189

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS |
|---------|---|---------------------------|
| 2648.40 | | 112 112A 225 |
| 2648.42 | | 264 |
| 2648.43 | PORCINE ISOLATES | 165A |
| 2648.44 | | 195 |
| 2648.48 | | 225 |
| | | |
| 2651.00 | ESCHERICHIA COLI-PASTEURURELLA-HAEMOLYTICA- SALICIDIA-SALICIDELLA-TYPHIDOPHILUS-BACTERIN | 112 225 290 |
| | | |
| 2650.00 | ESCHERICHIA COLI-PASTEURURELLA-MULTICIDA- SALICIDELLA-CHOLEPRAESUS-BACTERIN | 112 225 |
| | | |
| 2658.00 | HAEMOPHILUS GALLINARUM BACTERIN | 195 |
| | | |
| 2657.00 | HAEMOPHILUS PLEUROPOPHONTIAE BACTERIN | 225 |
| | | |
| 2659.00 | HAEMOPHILUS SOMNUS BACTERIN | 124 225 |
| | | |
| 2660.00 | HAEMOPHILUS SOMNUS-PASTEURURELLA HAEMOLYTICA-MULTICIDA-BACTERIN | 124 225 |
| | | |
| 2661.00 | LEPTOSPIRA CANICOLA BACTERIN | 188 |
| | | |
| | LEPTOSPIRA CANICOLA-GILIPPOTYPHOSA-HARDJO- ICIESCHAEFERBAGIAE-POMONA-BACTERIN | |

*** BACTERINS & BACTERIAL EXTRACTS

| CODE | PRODUCE AND FORM | LICENSE NOS. OF PRODUCERS | | | |
|--|------------------|---------------------------|------|------|-----|
| 2665.00 | | 52 | 107 | 112 | 124 |
| | | 165A | 188 | 189 | 225 |
| | | 264 | 272 | | |
| 2665.01 | | 124 | 188 | 189 | 272 |
| 2665.02 | | 189 | | | |
| LEPTOSPIRA CANICOLA-GRIPPOIYBROSA- ICIEROHAEMORRHAGIAE-BACTERIN | | | | | |
| 2668.00 | | 195A | | | |
| LEPTOSPIRA CANICOLA-ICIEROHAEMORRHAGIAE BACTERIN | | | | | |
| 2671.00 | | 52 | 107 | 112 | 124 |
| | | 188 | 189 | 195A | 225 |
| | | 227 | 243A | 264 | 272 |
| 2671.01 | | 225 | 264 | | |
| LEPTOSPIRA CANICOLA-ICIEROHAEMORRHAGIAE- BACTERIN | | | | | |
| 2673.00 | | 213 | | | |
| LEPTOSPIRA GRIPPOIYBROSA-BACTERIN | | | | | |
| 2675.00 | | 188 | | | |
| LEPTOSPIRA GRIPPOIYBROSA-HARDJO-POMONA BACTERIN | | | | | |
| 2681.00 | | 107 | 112 | 124 | 188 |
| | | 189 | 225 | 264 | 272 |
| LEPTOSPIRA HARDJO-BACTERIN | | | | | |
| 2687.00 | | 189 | | | |
| LEPTOSPIRA HARDJO-POMONA-BACTERIN | | | | | |
| 2688.00 | | 189 | | | |

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

LEPTOSPIRA POMONA BACTERIN

| | | | | | |
|---------|--|-----|-----|------|------|
| 2691.00 | | 3 | 52 | 107 | 112 |
| | | 124 | 188 | 189 | 195A |
| | | 213 | 225 | 243A | 264 |
| | | 272 | | | |
| 2691.01 | | 188 | | | |

LEPTOSPIRA POMONA PASTEURELLA HAEMOLYTICA-MULIOCIDAE BACTERIN

| | | |
|---------|--|-----|
| 2695.00 | | 124 |
|---------|--|-----|

MYCOPLASMA GALLISEPTICUM BACTERIN

| | | |
|---------|--|-----|
| 2774.00 | | 195 |
|---------|--|-----|

MYCOBACTERIUM PARATUBERCULOSIS BACTERIN

| | | |
|---------|--|------|
| 2775.00 | | 195A |
|---------|--|------|

PASTEURELLA ANATIPESIFER BACTERIN

| | | |
|---------|--|-----|
| 2698.00 | | 268 |
|---------|--|-----|

PASTEURELLA HAEMOLYTICA-MULIOCIDAE BACTERIN

| | | | | | |
|---------|--|-----|-----|-----|------|
| 2700.00 | | 52 | 107 | 112 | 124 |
| | | 188 | 213 | 225 | 243A |
| | | 264 | 272 | | |

PASTEURELLA MULIOCIDAE BACTERIN

| | | | | | |
|---------|--------------------------------|-----|-----|------|-----|
| 2701.01 | PORCINE ISOLATES | 264 | | | |
| 2701.22 | BOVINE & PORCINE ISOLATES | 188 | | | |
| 2701.52 | BOVINE & PORCINE ISOLATES | 188 | | | |
| 2702.13 | AVIAN ISOLATES, TYPES 1, 3 & 4 | 195 | 196 | 226A | 240 |

RAM EPIDIDYMITIS BACTERIN

| | | |
|---------|--|-----|
| 2771.00 | | 188 |
|---------|--|-----|

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| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS | | | |
|---------|--|---------------------------|------|-----|------|
| 2821.00 | SALMONELLA DUBLIN-TYPHIMURIUM BACTERIN | 52 | 188 | | |
| 2852.00 | STAPHYLOCOCCUS AUREUS BACTERIN | 124 | | | |
| 2855.00 | SIREPTOCOCCUS EQUI BACTERIN | 112 | | | |
| 2856.00 | SIREPTOCOCCUS EQUI M-PROTEIN EXTRACT | 107 | | | |
| 2858.01 | VIBRIO ANGUILLARUM BACTERIN | 285 | | | |
| 2858.02 | BIVALENT CONCENTRATE | 264 | 277 | 285 | 296 |
| 2861.00 | VIBRIO FELIS BACTERIN | 188 | | | |
| 2862.00 | OVINE ISOLATES | 52 | 112A | 124 | 165A |
| 2862.00 | BOVINE ISOLATES | 225 | 272 | | |
| 2862.10 | BOVINE ISOLATES | 112 | 188 | 189 | |
| 2863.00 | VIBRIO FELIS-LEPTOSPIRA CANICOLA-GRIPPITYPHOSA-HAEMOLYTICUS-ENTEROCLOACAE-POISSONII BACTERIN | 52 | 124 | 188 | 189 |
| 2863.00 | | 225 | 272 | | |
| 2863.10 | | 112 | | | |
| 2869.00 | VIBRIO FELIS-LEPTOSPIRA-GRIPPITYPHOSA-HAEMOLYTICUS-POISSONII BACTERIN | 124 | | | |

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

2869.10

112

VIBRIO FEEIUS-LEPTOSPIRA POMONA BACTERIN

2865.00

52 112A 124 189
225

ANTISERUM

CODE

PRODUCE AND FORM

LICENSE NOS. OF PRODUCERS

~~CANINE DISTEMPER-HEPATITIS-LEPTOSPIRA~~
~~CANINOCOLA ANTISERUM~~

3343.00

CANINE ORIGIN, CONCENTRATE

195A

~~CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI-~~
~~PASTEURRELLA HAEMOLYTICA-MULTICIDIA-~~
~~SALMONELLA TYPHOIDICUM ANTISERUM~~

3391.00

BOVINE ISOLATES & ORIGIN

188

~~CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI-~~
~~PASTEURRELLA MULTICIDIA-SALMONELLA~~
~~TYPHOIDICUM ANTISERUM~~

3399.00

BOVINE ISOLATES & ORIGIN

124

3400.00

BOVINE ISOLATES & ORIGIN, CONCENTRATE

124

~~CORYNEBACTERIUM PYOGENES-PASTEURRELLA~~
~~HAEMOLYTICA-MULTICIDIA ANTISERUM~~

3414.00

BOVINE ISOLATES & ORIGIN, CONCENTRATE

213

3414.02

BOVINE & PORCINE ISOLATES,
BOVINE ORIGIN

188

~~CORYNEBACTERIUM PYOGENES-PASTEURRELLA~~
~~MULTICIDIA ANTISERUM~~

3501.00

BOVINE ISOLATES & ORIGIN

188

3501.02

BOVINE & PORCINE ISOLATES,
BOVINE ORIGIN

188

3504.00

BOVINE ISOLATES & ORIGIN, CONCENTRATE

188

3504.02

BOVINE & PORCINE ISOLATES,
BOVINE ORIGIN, CONCENTRATE

188

~~DUCK VIRUS HEPATITIS-TOXO ANTIBODY~~

3508.00

CHICKEN EGG ORIGIN

268

~~ERYSIPLOTHRIX RHUSIOPATHIAE ANTISERUM~~

3511.00

EQUINE ORIGIN

124 188

3514.00

EQUINE ORIGIN, CONCENTRATE

124

ANTISERUM

CODE

PRODUCE AND FORM

LICENSE NOS. OF PRODUCERS

ESCHERICHIA COLI-PASTEURILLA MULTICIDA-
~~SALMONELLA TYPHIMURUM ANTISERUM~~

3531.00

BOVINE ISOLATES & ORIGIN

188

NORMAL SERUM

3602.00

EQUINE ORIGIN

188

CODE PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~BOVINE RHINOIRACHELLITIS VACCINE-
HAEMOPHILUS-SPECIES-PASTEURELLA
HAEMOLYTICA-MULTICIDA-BACTERIN~~

4009.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 124
COMBINATION PACKAGE

~~BOVINE RHINOIRACHELLITIS VACCINE-LEPTOSPIRA
CANTONIA-GRIPPITYPROSA-HARMIO-POONA-BACTERIN~~

4019.00 MODIFIED LIVE VIRUS, 188
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

~~BOVINE RHINOIRACHELLITIS VACCINE-LEPTOSPIRA
GRIPPITYPROSA-HARMIO-POONA-BACTERIN~~

4059.00 MODIFIED LIVE VIRUS, 188
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

4059.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 272
COMBINATION PACKAGE

~~BOVINE RHINOIRACHELLITIS VACCINE-LEPTOSPIRA
POONA-BACTERIN~~

4081.00 MODIFIED LIVE VIRUS, 3
TISSUE CULTURE ORIGIN

4089.00 MODIFIED LIVE VIRUS, 107 112 188 213
TISSUE CULTURE ORIGIN, 225 243A 264
COMBINATION PACKAGE

4089.01 MODIFIED LIVE VIRUS, 52
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

4089.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 124 189 272
COMBINATION PACKAGE

~~BOVINE RHINOIRACHELLITIS VACCINE-LEPTOSPIRA
POONA-PASTEURELLA-HAEMOCYTICA-MULTICIDA-
BACTERIN~~

4119.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 124
COMBINATION PACKAGE

~~BOVINE RHINOIRACHELLITIS-PARAINFLUENZA-3
VACCINE-HAEMOPHILUS-SPECIES-BACTERIN~~

4135.00 KILLED VIRUS, TISSUE CULTURE ORIGIN 124

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

BOVINE RHINOTRACHEITIS-PARAINFLUENZA-3
~~VACCINE-LEPTOSPIRA-CANICOLA-GRIPPOTYPHOSA-
 HAEMOLYTICA-SOLIDICOLA-BACTERIN~~

4165.00 KI-LED VIRUS, TISSUE CULTURE ORIGIN 124

4169.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN,
 COMBINATION PACKAGE 124

BOVINE RHINOTRACHEITIS-PARAINFLUENZA-3
~~VACCINE-LEPTOSPIRA-CANICOLA-GRIPPOTYPHOSA-
 HAEMOLYTICA-SOLIDICOLA-BACTERIN~~

4129.00 MODIFIED LIVE VIRUS,
 TISSUE CULTURE ORIGIN,
 COMBINATION PACKAGE 188

BOVINE RHINOTRACHEITIS-PARAINFLUENZA-3
~~VACCINE-LEPTOSPIRA-GRIPPOTYPHOSA-HAEMO-
 LYTICA-BACTERIN~~

4179.00 MODIFIED LIVE VIRUS,
 TISSUE CULTURE ORIGIN,
 COMBINATION PACKAGE 188

4179.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN,
 COMBINATION PACKAGE 272

BOVINE RHINOTRACHEITIS-PARAINFLUENZA-3
~~VACCINE-LEPTOSPIRA-POMONA-BACTERIN~~

4209.00 MODIFIED LIVE VIRUS,
 TISSUE CULTURE ORIGIN,
 COMBINATION PACKAGE 112 188 213

4209.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN,
 COMBINATION PACKAGE 124 272

4209.31 MODIFIED LIVE VIRUS,
 TISSUE CULTURE ORIGIN &
 CELL LINE ORIGIN, COMBINATION PACKAGE 52

BOVINE RHINOTRACHEITIS-PARAINFLUENZA-3
~~VACCINE-LEPTOSPIRA-POMONA-PASTEURELLA
 HAEMOLYTICA-SOLIDICOLA-BACTERIN~~

4239.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN,
 COMBINATION PACKAGE 124

BOVINE RHINOTRACHEITIS-PARAINFLUENZA-3
~~VACCINE-PASTEURELLA-HAEMOLYTICA-SOLIDICOLA
 BACTERIN~~

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS |
|--|---|---------------------------|
| 4265.00 | KILLED VIRUS, TISSUE CULTURE ORIGIN | 112 124 |
| 4265.20 | KILLED VIRUS, CELL LINE ORIGIN | 112 |
| 4269.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 213 243A 264 |
| 4269.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 272 |
| BOVINE RHINOTRACHEITIS VACCINE - PASTEURELLA HAEMOLYTICA-BOLTOCIDA BACTERIN | | |
| 4299.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 272 |
| BOVINE RHINOTRACHEITIS-VIRUS-DIARRHEA VACCINE-HAEMOPHTHUS-SOMNUS-PASTEURELLA HAEMOLYTICA-BOLTOCIDA-BACTERIN | | |
| 4319.30 | MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 124 |
| BOVINE RHINOTRACHEITIS-VIRUS-DIARRHEA VACCINE-LEPTOSPIRA-CALITICA-GRIPPOTYPHOSA- HARDJO-TYBERNAC-MORRHACIAE-POMONA BACTERIN | | |
| 4339.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 188 |
| 4339.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 |
| BOVINE RHINOTRACHEITIS-VIRUS-DIARRHEA VACCINE-LEPTOSPIRA-GRIPPOTYPHOSA-HARDJO- POMONA-BACTERIN | | |
| 4359.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 188 |
| 4359.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 272 |
| BOVINE RHINOTRACHEITIS-VIRUS-DIARRHEA VACCINE-LEPTOSPIRA-POMONA-BACTERIN | | |
| 4389.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 188 213 243A 264 |

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS | |
|---|---|---------------------------|-----|
| 4389.01 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 243A | |
| 4389.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 189 | 272 |
| 4389.30 | MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 124 | 189 |
| BOVINE RHINOTRACHELITIS-VIRUS-DIARRHEA- PARATUBERCULOSA-3-VACCINE-LEPTOSPIRA- PASTEURRELLA-HAEMOLYTICA-BOLTOCICIA-BACTERIN | | | |
| 4419.30 | MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 124 | |
| BOVINE RHINOTRACHELITIS-VIRUS-DIARRHEA- PARATUBERCULOSA-3-VACCINE-HAEMOPHILUS SOMMERS-BACTERIN | | | |
| 4449.30 | MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 124 | |
| BOVINE RHINOTRACHELITIS-VIRUS-DIARRHEA- PARATUBERCULOSA-3-VACCINE-HAEMOPHILUS SOMMERS-PASTEURRELLA-HAEMOLYTICA-BOLTOCICIA BACTERIN | | | |
| 4459.30 | MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 124 | |
| BOVINE RHINOTRACHELITIS-VIRUS-DIARRHEA- PARATUBERCULOSA-3-VACCINE-LEPTOSPIRA- PASTEURRELLA-HAEMOLYTICA-BOLTOCICIA- ICTEROHAEMORRAGICAE-PONOMA-BACTERIN | | | |
| 4439.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 188 | |
| 4439.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 189 | 272 |
| 4439.30 | MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 124 | 189 |
| BOVINE RHINOTRACHELITIS-VIRUS-DIARRHEA- PARATUBERCULOSA-3-VACCINE-LEPTOSPIRA- ICTEROHAEMORRAGICAE-PONOMA-BACTERIN | | | |

*** VACCINES WITH BACTERINS/TOXOIDS

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS |
|--|---|---------------------------|
| 4479.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 188 |
| 4479.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 272 |
| BOVINE RHINOTRACHEITIS-VIRUS-DIARRHEA- PARATUBERCULOSIS-VACCINE-PASTEURCELLA HAEMOLYTICA-SULFONAMIDE-BACTERIN | | |
| 4509.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 188 213 264 |
| 4509.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 189 272 |
| 4509.30 | MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 189 |
| BOVINE RHINOTRACHEITIS-VIRUS-DIARRHEA- PARATUBERCULOSIS-VACCINE-PASTEURCELLA HAEMOLYTICA-SULFONAMIDE-BACTERIN | | |
| 4535.20 | KILLED VIRUS, CELL LINE ORIGIN | 112 |
| 4539.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 213 243A 264 |
| 4539.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 272 |
| BOVINE RHINOTRACHEITIS-VIRUS-DIARRHEA- PARATUBERCULOSIS-VACCINE-PASTEURCELLA HAEMOLYTICA-SULFONAMIDE-BACTERIN | | |
| 4560.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 189 |
| BOVINE RHINOTRACHEITIS-VIRUS-DIARRHEA- PARATUBERCULOSIS-VACCINE-PASTEURCELLA HAEMOLYTICA-SULFONAMIDE-BACTERIN | | |
| 4429.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 272 |
| BOVINE RHINOTRACHEITIS-VIRUS-DIARRHEA- PARATUBERCULOSIS-VACCINE-PASTEURCELLA HAEMOLYTICA-SULFONAMIDE-BACTERIN | | |
| 4589.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 189 |

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

~~BOVINE VIRUS DIARRHEA VACCINE-LEPTOSPIRA~~
~~POSONA BACTERIN~~

| | | |
|---------|---|------------|
| 4599.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 188 189 |
| 4599.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 189 |

~~CANINE ADENOVIRUS TYPE 2-PARVOVIRUS~~
~~VACCINE-LEPTOSPIRA BACTERIN~~

| | | |
|---------|---|-----|
| 4605.20 | KILLED VIRUS, CELL LINE ORIGIN | 272 |
| 4608.20 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN | 272 |

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-~~
~~HEPATITIS-PARAINFLUENZA-PARVOVIRUS~~
~~VACCINE~~

| | | |
|---------|--|-----|
| 4649.20 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, LEPTOSPIRA BACTERIN | 272 |
|---------|--|-----|

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-~~
~~HEPATITIS-PARAINFLUENZA-PARVOVIRUS~~
~~VACCINE-LEPTOSPIRA BACTERIN~~

| | | |
|---------|--|-----|
| 49A9.20 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 272 |
|---------|--|-----|

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2~~
~~VACCINE-LEPTOSPIRA BACTERIN~~

| | | |
|---------|---|-----|
| 4629.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 189 |
|---------|---|-----|

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-~~
~~PARAINFLUENZA VACCINE-PROTEIN~~
~~EXTRACT-LEPTOSPIRA BACTERIN~~

| | | |
|---------|---|-----|
| 4649.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 189 |
|---------|---|-----|

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-~~
~~PARAINFLUENZA VACCINE-LEPTOSPIRA BACTERIN~~

| | | |
|---------|---|------------|
| 4659.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 107 189 |
|---------|---|------------|

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS |
|---------|--|----------------------------|
| 4659.30 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE | 195A |
| | CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA-PARVOVIRUS VACCINE- LEPTOSPIRA BACTERIN | |
| 4638.30 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE | 195A |
| 4638.31 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE | 195A |
| 4639.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 189 |
| 4639.30 | MODIFIED LIVE & KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE | 195A |
| 4639.40 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 107 189 |
| | CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN | |
| 4679.30 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE | 195A |
| | CANINE DISTEMPER-HEPATITIS VACCINE- LEPTOSPIRA BACTERIN | |
| 4681.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 272 |
| 4689.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 107 112 195A 225 243A |
| 4689.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 107 124 189 227 264 272 |
| 4689.21 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 107 |
| 4689.30 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE | 195A 225 227 |
| 4689.40 | MODIFIED LIVE VIRUS, CHICKEN EMBRYO & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 188 |
| | CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE-CHORDILLICA-PSEUDOTUBERCULOSA BACTERIN | |
| 4789.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 264 |

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

~~CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA
VACCINE-LEPTOSPIRA-BACTERIN~~

| | | | | | |
|---------|--|-----------|---------|-----|-----|
| 4809.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 195A 243A | | | |
| 4809.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 107 264 | 124 272 | 189 | 227 |
| 4809.21 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 107 | | | |
| 4809.30 | MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE | 195A 225 | | | |

~~CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA-
PARVOVIRUS VACCINE-LEPTOSPIRA-BACTERIN~~

| | | | | | |
|---------|--|---------|-----|--|--|
| 47P9.20 | MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 107 272 | | | |
| 47P9.21 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 124 227 | 264 | | |

~~CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA-
PARVOVIRUS VACCINE-LEPTOSPIRA-BACTERIN-
MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN &
CELL LINE ORIGIN, COMBINATION PACKAGE~~

| | | | | | |
|---------|--|------|--|--|--|
| 47P9.30 | | 243A | | | |
|---------|--|------|--|--|--|

~~CANINE DISTEMPER VACCINE-LEPTOSPIRA
BACTERIN~~

| | | | | | |
|---------|---|------|--|--|--|
| 4749.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 195A | | | |
|---------|---|------|--|--|--|

~~CANINE HEPATITIS VACCINE-LEPTOSPIRA
BACTERIN~~

| | | | | | |
|---------|--------------------------------|-----|--|--|--|
| 4825.20 | KILLED VIRUS, CELL LINE ORIGIN | 107 | | | |
|---------|--------------------------------|-----|--|--|--|

~~ENCEPHALOMYELITIS-INFLUENZA VACCINE-
TETANUS-TOXOID~~

| | | | | | |
|---------|---|-----|--|--|--|
| 4835.41 | EASTERN, WESTERN, KILLED VIRUS, TISSUE CULTURE & CHICKEN EMBRYO ORIGIN | 112 | | | |
| 4835.43 | EASTERN, WESTERN, KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 52 | | | |

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

ENCEPHALOMYELITIS VACCINE-TETANUS TOXOID

| | | |
|---------|---|-----------|
| 4865.00 | EASTERN, WESTERN, KILLED VIRUS, TISSUE CULTURE ORIGIN | 52 112 |
| 4865.33 | EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN | 107 |

EQUINE INFLUENZA VACCINE-TETANUS TOXOID

| | | |
|---------|-------------------------------------|-----|
| 4895.10 | KILLED VIRUS, CHICKEN EMBRYO ORIGIN | 112 |
| 4895.20 | KILLED VIRUS, CELL LINE ORIGIN | 52 |

ERYSIPLOTHRIX RHUSIOPATHIAE VACCINE-
LEPTOSPIRA FABIOLA-EGIPPOLYPEROSA-HARDJO-
LEPTOSPIRA GORRETHIAE-FABOLA-BACTERIN

| | | |
|---------|--|------------|
| 4909.00 | AVIRULENT LIVE CULTURE, COMBINATION PACKAGE | 112 189 |
|---------|--|------------|

MINK DISTEMPER VACCINE-CLOSTRIDIUM
BOTULINUS TYPE C BACTERIN-TOXOID

| | | |
|---------|---|-----|
| 4919.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 245 |
|---------|---|-----|

MINK DISTEMPER-ENTERITIS VACCINE-
CLOSTRIDIUM BOTULINUS TYPE C
BACTERIN-TOXOID

| | | |
|---------|--|------------|
| 4929.00 | MODIFIED LIVE & KILLED VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 165 245 |
|---------|--|------------|

MINK ENTERITIS VACCINE-CLOSTRIDIUM
BOTULINUS TYPE C BACTERIN-TOXOID

| | | |
|---------|-------------------------------------|--------------------|
| 4955.00 | KILLED VIRUS, TISSUE CULTURE ORIGIN | 165 165A 245 |
|---------|-------------------------------------|--------------------|

PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA
BACTERIN

| | | |
|---------|---|-----|
| 4989.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 188 |
|---------|---|-----|

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN

| | | | | |
|---------|---------------------------------------|-----|------|----------|
| 4960.00 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 124 | 243A | 264 |
| 4965.20 | KILLED VIRUS, CELL LINE ORIGIN | 107 | 189 | 195A 272 |

PARVOVIRUS VACCINE-LEPTOSPIRA CANICOLA-
CRIPPER-TYPHOSE-HARDID-ICTERODAE MORRHAGIAE-
BACTERIN

| | | | |
|---------|--------------------------------|-----|-----|
| 4975.20 | KILLED VIRUS, CELL LINE ORIGIN | 189 | 225 |
|---------|--------------------------------|-----|-----|

PSEUDORABIES VACCINE-LEPTOSPIRA CANICOLA-
CRIPPER-TYPHOSE-HARDID-ICTERODAE MORRHAGIAE-
BACTERIN

| | | | |
|---------|---|-----|--|
| 4999.20 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE | 189 | |
| 4999.21 | MODIFIED LIVE VIRUS, CELL LINE ORIGIN | 189 | |

TRANSMISSIBLE GASTROENTERITIS VACCINE-
ESCHERICHIA PERFRINGENS-TYPE C
BACTERIN-TOXOID

| | | | |
|---------|---|-----|--|
| 4949.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 213 | |
|---------|---|-----|--|

TRANSMISSIBLE GASTROENTERITIS VACCINE-
ESCHERICHIA COLI BACTERIN

| | | | |
|---------|---|-----|--|
| 4988.00 | MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE | 213 | |
|---------|---|-----|--|

DIAGNOSTICS

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

ALEUTIAN DISEASE COUNTERELECTROPHORESIS
ANTIGEN

5005.00

MINK ORIGIN

245

AVIAN LEUKOSIS DIAGNOSTIC KIT

5007.00

291

BOVINE LEUKEMIA GLYCOPROTEIN
IMMUNODIFFUSION ANTIGEN &
REAGENT AND REFERENCE SERUMS

5505.20

CELL LINE ORIGIN, BOVINE ORIGIN

264

BRUCELLA ABORTUS ANTIGEN

5011.00

STAINED ANTIGEN

107

CANINE BRUCELLOSIS AGGLUTINATION ANTIGEN &
REAGENT SERUM

5021.00

CANINE ORIGIN

264

CANINE HEARTWORM TEST KIT

5023.00

295

EQUINE INFECTIOUS ANEMIA IMMUNODIFFUSION
ANTIGEN & REAGENT SERUM

5515.20

CELL LINE ORIGIN, EQUINE ORIGIN

264

FELINE LEUKEMIA VIRUS TEST KIT

5028.00

264

INFECTIOUS BURSAL DISEASE ANTIBODY
TEST KIT

5040.00

278

| *** | DIAGNOSTICS | *** |
|---------|---|---------------------------|
| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS |
| 5051.00 | LEPTOSPIRA CANICOLA ANTIGEN | 112 |
| 5053.00 | LEPTOSPIRA GRIPPITYPHOSA ANTIGEN | 112 |
| 5055.00 | LEPTOSPIRA HARDJO ANTIGEN | 112 |
| 5057.00 | LEPTOSPIRA ICTERHAEMORRHAGIAE ANTIGEN | 112 |
| 5059.00 | LEPTOSPIRA POMONA ANTIGEN | 112 |
| 5065.00 | MURINE MYCOPLASMA PULMONIS ANTIBODY TEST KIT | 264 |
| 5071.00 | MYCOPLASMA GALLISEPTICUM ANTIGEN S-6 SEROTYPE, PLATE | 195 |
| 5072.00 | MYCOPLASMA MELEAGRIDIS ANTIGEN H SEROTYPE, PLATE | 195 |
| 5073.00 | MYCOPLASMA SYNOVIAE ANTIGEN S-SEROTYPE, PLATE | 195 |
| 5201.00 | PULLORUM ANTIGEN MICROTEST | 196 |

DIAGNOSTICS

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> |
|-------------|--|----------------------------------|
| 5206.00 | STAINED ANTIGEN K POLYVALENT | 195 |
| 5207.00 | STAINED ANTIGEN POLYVALENT | 196 |
| 5208.00 | TUBE | 196 |
| | <u>TUBERCULIN</u> | |
| 5301.00 | MAMMALIAN, HUMAN ISOLATES, INTRADERMIC | 107 |
| 5302.00 | PPD BOVIS, INTRADERMIC | 107 |

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS |
|------|------------------|---------------------------|
|------|------------------|---------------------------|

| | | |
|---------|--|-----------------------------|
| 6101.00 | ANTIIVENIN (CROTALIDAE) POLYVALENT, EQUINE ORIGIN | 112B |
| 6211.00 | <u>CLOSTRIDIUM PERFRINGENS TYPE C ANTIIOXIN</u> | 188 243A |
| 6220.00 | <u>CLOSTRIDIUM PERFRINGENS TYPE C&D</u> <u>ANTIIOXIN</u> BOVINE ORIGIN | 213 |
| 6221.00 | EQUINE ORIGIN | 124 188 243A |
| 6201.00 | <u>CLOSTRIDIUM PERFRINGENS TYPE D ANTIIOXIN</u> | 188 |
| 6302.00 | IEIADUS ANTIIOXIN EQUINE ORIGIN | 52 107 112 165A 188 243A |

BACTERIN-TOXOIDS

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~CLOSTRIDIUM BOTULINUM-TYPE C~~
~~BACTERIN-TOXOID~~

7010.00

165 165A 245

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM~~
~~BACTERIN-TOXOID~~

7030.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-~~
~~HAEVOLYTICUM-KOVVI-SORDELCIT-~~
~~BACTERIN-TOXOID~~

7070.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-~~
~~HAEVOLYTICUM-KOVVI-SORDELCIT-LEPTOSEIRA~~
~~ECGONA-BACTERIN-TOXOID~~

7090.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-~~
~~HAEVOLYTICUM-KOVVI-SORDELCIT-PASIEURELLA~~
~~HAEVOLYTICA-MULIOCIDIA-BACTERIN-TOXOID~~

7140.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-~~
~~HAEVOLYTICUM-KOVVI-SORDELCIT-~~
~~PERRINGENS-TYPES-CRO-BACTERIN-TOXOID~~

7160.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-~~
~~HAEVOLYTICUM-KOVVI-SORDELCIT-~~
~~PERRINGENS-TYPES-CRO-LEPTOSEIRA-POMONA-~~
~~PASTEURILLA-HAEVOLYTICA-MULIOCIDIA~~
~~BACTERIN-TOXOID~~

BACTERIN-TOXOIDS

| CODE | PRODUCT AND FORM | LICENSE NOS. OF PRODUCERS |
|---------|--|--------------------------------|
| 7270.00 | BACTERIN-TOXOID | 107 |
| 7280.00 | CLOSTRIDIUM CHAUVOEI-SEPTICUM- HAFNOVICUM-NOVYI-TOXOID PERFRINGENS-TYPES-CED-BACTERIN-TOXOID | 107 |
| 7310.00 | CLOSTRIDIUM CHAUVOEI-SEPTICUM-LEPTOSPIRA BOVINA-BACTERIN-TOXOID | 107 |
| 7330.00 | CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI BACTERIN-TOXOID | 52 107 112A 124 188 |
| 7360.00 | CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI- LEPTOSPIRA-BOVINA-BACTERIN-TOXOID | 107 |
| 7390.00 | CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI- SORDCELLIBACTERIN-TOXOID | 52 107 112A 124 213 225 272 |
| 7440.00 | CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI- SORDCELLIBACTERIN-TOXOID | 107 |
| 410.00 | CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI- SORDCELLIBACTERIN-TOXOID | 52 107 112A 124 225 272 |

BACTERIN-TOXOIDS

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-
SORDELLII-PERFRINGENS-TYPES-CCD-
HAEMOLYTICUS-SORBUS-BACTERIN-TOXOID~~

7423.00

124

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURILLA
HAEMOLYTICUS-MULTICIDA-BACTERIN-TOXOID~~

7470.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII
BACTERIN-TOXOID~~

7500.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-
PASTEURILLA-HAEMOLYTICA-MULTICIDA
BACTERIN-TOXOID~~

7530.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-
PERFRINGENS-TYPES-CCD-BACTERIN-TOXOID~~

7561.00

107

~~CLOSTRIDIUM HAEMOLYTICUM-NOVYI
BACTERIN-TOXOID~~

7590.00

107

~~CLOSTRIDIUM HAEMOLYTICUM-NOVYI-
PERFRINGENS-TYPES-CCD-BACTERIN-TOXOID~~

7620.00

107

~~CLOSTRIDIUM-NOVYI-BACTERIN-TOXOID~~

BACTERIN-TOXOIDS

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCER

7680.00

188

CLOSTRIDIUM NOVYI-SORDELLII
BACTERIN-TOXOID

7710.00

52

CLOSTRIDIUM NOVYI-SORDELLII-
PERFRINGENS-TYPES-C&D BACTERIN-TOXOID

7750.00

107 124

CLOSTRIDIUM PERFRINGENS-TYPE-C
BACTERIN-TOXOID

7800.00

213 225

CLOSTRIDIUM PERFRINGENS-TYPES-C&D
BACTERIN-TOXOID

7870.00

52 112 112A 213
225 272CLOSTRIDIUM PERFRINGENS-TYPE-D
BACTERIN-TOXOID

7840.00

52 112A 213 225

STAPHYLOCOCCUS AUREUS BACTERIN-TOXOID

7960.00

107

TOXOIDS

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

CLOSTRIDIUM PERFRINGENS TYPE C TOXOID

8101.00

107

CLOSTRIDIUM PERFRINGENS TYPE S C&D TOXOID

8201.00

107 112A 124

CLOSTRIDIUM PERFRINGENS TYPE S C&D-TEIANUS TOXOID

8304.00

124

CLOSTRIDIUM PERFRINGENS TYPE D TOXOID

8301.00

107 112 112A 124

CLOSTRIDIUM PERFRINGENS TYPE D-TEIANUS TOXOID

8305.00

112

TEIANUS TOXOID

8601.00

52 107 112 165A
188 225 287

MISCELLANEOUS PRODUCTS

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

ALLERGENIC EXTRACT

| | | |
|---------|----------------------|-----------------|
| 9521.00 | HOUSE DUST | 52A 259 270 283 |
| 9521.01 | HOUSE DUST | 52A |
| 9522.01 | MIXED RAGWEED | 259 283 |
| 9522.02 | MIXED TREES | 52A 259 270 283 |
| 9522.03 | MIXED GRASSES | 52A 259 270 283 |
| 9522.04 | MIXED WEEDS | 52A 259 270 283 |
| 9522.06 | MIXED TREES | 52A |
| 9522.07 | MIXED GRASSES | 52A |
| 9522.08 | MIXED WEEDS | 52A |
| 9523.00 | MIXED MOLDS | 52A 259 270 283 |
| 9523.01 | MIXED MOLDS | 52A |
| 9524.00 | MIXED INHALANTS | 259 283 |
| 9525.00 | FLEA ANTIGEN | 259 283 |
| 9527.00 | MIXED EPIDERMALS | 52A 259 270 283 |
| 9527.01 | MIXED EPIDERMALS | 52A |
| 9528.00 | MIXED INSECTS | 259 |
| 9531.00 | PRESCRIPTION PRODUCT | 259 270 283 |
| 9532.00 | INTRADERMAL TEST KIT | 259 283 |
| 9533.00 | TREATMENT SETS | 259 |

FLEA ANTIGEN

| | | |
|---------|---------------|--------|
| 9511.00 | DESENSITIZING | 52 52A |
|---------|---------------|--------|

MYCOBACTERIUM CELL WALL IMMUNOSTIMULATOR

| | | |
|---------|--|-----|
| 9300.00 | | 289 |
|---------|--|-----|



